



FIG. 1A

FIG. 1A

1 CCCTTCTCCAGGGACTCTGGCTGCCAGGCTCCGGCTTTCAGATCAATTCTGACCAAC 60
61 CACCTTGGACTGCCCTCAGTGGATCAGTGGTCCAGACACGCCCT 120
121 CCAGGACCTCAAGCACCCGACCCGACTGGCCAGACGGAGTGG 180
181 GCTCCGCTGACTCTGGACACCTCTGGAGAAAATGCTCCCTGTGCCATCGTT 240

FIG. 1A

241 TTGGGACCCACCTCCTCCCTGCTGCCCTCGACGACCCCTGGCCCCCGGCCAGC 300
C A H L L L L P S T T L A P A P A
301 ATCCCATGGCCCCGCTGCCGCCCTGCTCAGGTCTTGGCTTCCCGAAGGGGGAG 360
S M G P A A L L G V L G L P E A P R S

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361 CGTCCCCACACCGACCTCTGGCTCCCTGTATGTGGCCCTATTCCGTGGCTGACCC 420
V P T H R P V P P V M W R L P A A A P

421 CCAGGAGGCCAGAGTGGGACGCCCTCTGGCCATGCCACGTGGAGGAACTAGGGGTGGC 480
Q E A R V G R P L R P C H V E E L G V A

481 CGGAAACATTTGTGGCCACATCCCCGACAGGGTCTGCCAGGGCCACAAACCCGC 540
G N I V R H I P D S G L S S R P A Q P A



541 CAGGACCTCGGGCTGTGCCCGAGTGGACAGTCGTCTTTGACCTGTGAAATGTGGAGCC 600
R T S G L C P E W T V V F D L S N V E P

601 CACAGAGGCCAACACCGGGCTTAGACTTGGAGGCTGAGGTGTGAAGATAAC 660
T E R P T R A R L E L R I E A E C E D T

661 AGGAGGGTGGAGGCTAAGCGTGGCAACTGTGGCCGACGCCAGAGCATCCAGGGCCTGAGCT 720
G G W E L S V A L W A D A E H P G P E L

721 GCTGCGCGTGCAGGGCACCCAGGGTGCCTGGCGAGACCTACTGGGGACTGCACT 780
L R V P A P P G V L L R A D L L G T A V

781 AGCCGCCAACGCATCAGGCCCTGTACTGTGGCCCTGGCTGCTCACTGCACCCGGGC 840
A A N A S V P C T V R L A L S L H P G A

841 CACTGCAGCCCTGTGGGGCCCTGGCTGAGGCCCTGCCTGCTGCTGACGGCTGGACCCACG 900
T A A C G R L A E A S L L V T L D P R

901 CCTGTGTCCTGCCGGCATGGGGCCACACGGAGCCAGGGTAGAAGTTGGTCCAGT 960
L C P L P R L R H T E P R V E V G P V

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FIG. 1B



961 GGGCACTTGTCTGACGGTTGCATGTGAGGTGGCTTCCGTGAGGTGGCACC GTTG 1020
G T C R T R L H V S F R E V G W H R W

1021 GGTGATCGCGCCGGTGGCTTCCTAGCCAACCTCTGCCAGGGCACGTTGGCACACTACCGA 1080
V I A P R G F I A N F C Q G T C A L P E

1081 AACGCTGAGGGACCCGGCGGGCGCCTGCACACTAACACAGCTGTGCTGGCGGCTCAT 1140
T L R G P G G P P A L N H A V L R A L M

1141 GCACGGCAAGCTCCACCCCGGGTGCAGGGCTGCCCTGCGTGCAGAGCGTCTATC 1200
H A A P T P G A G S P C C V P E R L S
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1201 ACCCATCTCCGTGCTCTCTCGACAATAAGTGACAACCTGGTCCCTGGACACTACGAAGA 1260
P I S V L F F D N S D N V V L R H Y E D

1261 CATGGTGGATGAGTGTGGCTGCCGTTGACCAACCCGGACACCCCTTCAGGGACCCGCC 1320
M V V D E C G C R

1321 CCACGCAAAAGCAGGGACTGTGTTCATGTTTATGGTGACAAAAAGCTAAACAAA 1380

1381 TTTGACT 1387

FIG. 1C